IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended): An angular-position magnetic-sensor device comprising: ~~provided with~~ at least one stator ~~(1, 2)~~ and one rotor; ~~(3),~~ ~~the~~ a space between ~~the~~ said stator ~~(1, 2)~~ and ~~the~~ said rotor, ~~(3)~~ defining over substantially 360°, as a main air gap ~~(4) in which there move~~ including at least two movable magnetic poles ~~(5, 6)~~ of alternating polarities; and[[,]] ~~the~~ said stator ~~(1, 2) being provided with~~ including at least one secondary air gap ~~(7, 8)~~ in which there is placed at least one magnetosensitive element ~~(9)~~, ~~characterized~~ wherein ~~in that the~~ said stator ~~(1, 2) is composed of~~ includes two pole shoes ~~(1 and 2)~~ having angular widths that are substantially equal to 120° and 240° respectively, and ~~in that~~ the two magnetic poles ~~(5, 6)~~ each have an angular width substantially equal to 120°.

2. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 1, ~~characterized in that~~ wherein the rotor ~~(3)~~ is situated in ~~the~~ an interior of the stator ~~(1, 2)~~.

3. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 1, ~~characterized in that~~ wherein the rotor ~~(11)~~ is situated on ~~the~~ an exterior of the stator ~~(12, 13)~~.

4. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 1, ~~characterized in that~~ wherein the ~~aforesaid~~ two magnetic poles ~~(5, 6)~~ are radially magnetized adjacent magnets.

5. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 1, ~~characterized in that~~ wherein ~~the~~ sides of ~~the~~ said secondary air gap ~~(7, 8)~~ are oriented radially~~, or in other words "in the form of radial slits"~~.

6. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 1, ~~characterized in that~~ wherein ~~the~~ sides of ~~the~~ said secondary air gap ~~(7, 8)~~ are oriented in ~~the~~ a same direction~~, or in other words "in the form of straight slits"~~.

7. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to either one of ~~claim~~ claims 5 or 6, ~~characterized in that~~ wherein the sides of ~~the~~ said secondary air gap ~~(7, 8)~~ are mutually parallel.

8. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 1, ~~characterized in that~~ wherein at least one of ~~the~~ said two magnetic poles ~~(5, 6)~~ is made of a soft ferromagnetic material.

9. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 1, ~~characterized in that~~ wherein at least one of the two magnetic poles ~~(5, 6)~~ is glued to the rotor ~~(3)~~.

10. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 1, ~~characterized in that~~ wherein at least one of the two magnetic poles ~~(5, 6)~~ is an integral part of the rotor ~~(3)~~.

11. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 1, ~~characterized in that~~ wherein the rotor ~~(15)~~ and the stator ~~(1, 2)~~ are disposed axially~~, or in other words along the same linear axis~~.

12. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 11, ~~characterized in that~~ wherein ~~the~~ said magnetic poles ~~(5, 6)~~ are adjacent disc-shaped magnets that are magnetized axially~~, or in other words along the same linear axis~~.

13. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according

to claim 1, ~~characterized in that~~ wherein the rotor ~~(16, 17)~~ comprises at least two axially separate parts ~~(16 and 17)~~.

14. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 13, ~~characterized in that~~ wherein the two parts ~~(16, 17)~~ forming the rotor are separated by an axially magnetized disc magnet ~~(18)~~.

15. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 1, ~~characterized in that~~ wherein the rotor ~~(19, 20)~~ comprises at least two transversely separate parts ~~(19 and 20)~~.

16. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 15, ~~characterized in that~~ wherein the two parts ~~(19, 20)~~ forming the rotor are separated by a transversely magnetized parallelepiped magnet ~~(21)~~.

17. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 13, ~~characterized in that~~ wherein the two parts ~~(24, 25)~~ of the rotor are separated by an axially magnetized annular magnet ~~(26)~~.

18. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 3, ~~characterized in that~~ wherein the rotor ~~(28, 29)~~ comprises at least two parts ~~(28 and 29)~~ separated transversely by a transversely magnetized magnet ~~(32)~~.

19. (Currently Amended): ~~An~~ The angular-position magnetic-sensor device according to claim 18, ~~characterized in that~~ wherein the magnet ~~(32)~~ has a parallelepiped shape.